PTO/SB/05 (11-00)
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UTILITY **PATENT APPLICATION TRANSMITTAL**

P03357US2 Attorney Docket No. PANCHAL, Rekha G. First Inventor HUMAN SUPPRESSOR tRNA OLIGONUCLEOTIDE

Date

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(Only for new nonprovisio	nal applications under 37 CFR 1.53(b))	Express	Mail Label No.	EL911005	635U	<u>s</u>			
	ATION ELEMENTS cerning utility patent application conten		ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231						
Fee Transmittal F	orm (e.g., PTO/SB/17)	7.	CD-ROM or CD						
1. Submit an original and a	duplicate for fee processing)	۲	Computer Progr			s lable of			
	small entity status.	8. Nuc	leotide and/or Amir	no Acid Seque	ence S	ubmission			
See 37 CFR 1.27		(if a	pplicable, all neces	sary)					
3. Specification (preferred arrangement)	[Total Pages 54]	а. Г	Computer Rea	idable Form (CRF)				
- Descriptive title	of the invention	b. S		ence Listina or	٦٠				
	ce to Related Applications	2.	. — .	•		->			
	arding Fed sponsored R & D equence listing, a table.		_	M or CD-R (2	copie:	s); or			
	program listing appendix	_	ii. 🗹 paper						
 Background of 	the Invention	с	✓ Statements ve	rifying identity	of ab	ove copies			
- Brief Summary		Α	CCOMPANYIN	G APPLIC	ΔTIC	N PARTS			
- Detailed Description	on of the Drawings (if filed)								
- Claim(s)	·r	9.	Assignment Pa		HEET &				
- Abstract of the		10.	37 CFR 3.73(b (when there is		L	Power of Attorney			
4. Prawing(s) (35 U	J.S.C. 113) [Total Sheets 10] 11.	English Transla		nt (if a				
5. Oath or Declaration	[Total Pages 6] 12.	12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations						
a. Newly exec	uted (original or copy)	13.	■ • • • • • • • • • • • • • • • • • • •						
b. Copy from a	a prior application (37 CFR 1.63 (d)) tion/divisional with Box 18 completed)	14.	14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)						
	ION OF INVENTOR(S) atement attached deleting inventor(s)	15.	15. Certified Copy of Priority Document(s) (if foreign priority is claimed)						
named in t	the prior application, see 37 CFR	16	16. Request and Certification under 35 U.S.C. 122						
1.63(d)(2)	and 1.33(b).	10.	(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.						
6. Application Data	Sheet. See 37 CFR 1.76	17 [17. Other:						
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary as									
or in an Application Data She		upply the requi	site information bel	low and in a p	relimir	nary amendment,			
Continuation	Divisional Continuation-in-part (CI	5)		09 , 229,	212				
	Examiner J. Epps	,	of prior application No.: 09 / 225,212 Group Art Unit. 1635						
Prior application information:	Examiner 3. Epps ONAL APPS only: The entire disclosure of								
Box 5b, is considered a part of	f the disclosure of the accompanying con	tinuation or divi	sional application ar	nd is hereby in	corpor	ated by reference.			
the incorporation can only be	relied upon when a portion has been inac 19. CORRESPO!			u application p	arts.				
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Name (Print/Type)	Meidi S Nebel	Regis	str e tion No. (Attor	nev/Agent)		37,719			
Signature	1/1/100	1/11/1			Octo	ober 30, 2001			
, orginature	$1 + (\land DSAV)^{+} \searrow 1/2$	'	/1	Date		JUUL JU, 4UUL			

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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

91	9
	91

Complete if Known					
Application Number					
Filing Date	10/30/2001				
First Named Inventor	PANCHAL, REKHA G.				
Examiner Name					
Group Art Unit	1635				
Attorney Docket No.	P03357US2				

METHOD OF PAYMENT						Т	FEE CALCULATION (continued)							
1. The Commissioner is hereby authorized to charge indicated fees and credit any overnayments to:						•	3. ADDITIONAL FEES							
ı	indicated fees and credit any overpayments to: Deposit							Large Small Entity Entity						
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l	Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17							127	50	227	25	Surcharge - late provisional filing fee or cover sheet		
ı	ſ					I entity status.		139	130	139	130	Non-English specification		
F	_			CFR 1.				147	2,520	147	2,520	For filing a request for ex parte reexamination		
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╊		D 4 675						115	110	215	55	Extension for reply within first month		
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		106 33		200 207		Plant filing fee		119	320	219	160	Notice of Appeal		
1		107 3			370	Reissue filing fee		120	320	220	160	Filing a brief in support of an appeal		
Į,		114 16		214	80	Provisional filing fee	,	121	280	221	140	Request for oral hearing		
			•			J		138	1,510	138	1,510	Petition to institute a public use proceeding		
***						SUBTOTAL (1)	(\$) 370	140	110	240	55	Petition to revive - unavoidable		
1	2. E	EXTR	/ CI	LAIN	/ FE			141	1,280	241	640	Petition to revive - unintentional		
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		Claims	Į	39)** = <u>19</u> X	9 = 171	143	460	243	230	Design issue fee		
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I		ode (\$)	С	ode	(\$)	•		581	40	581	40	Recording each patent assignment per		
1		03 18		03	9	Claims in excess o						property (times number of properties)		
		02 84			12	Independent claim		146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))		
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I	10	09 84	20	09 4	12	** Reissue indepe over original pat						examined (37 CFR § 1.129(b))		
	11	10 18	2	10	9	** Reissue claims		179	740	279	370	Request for Continued Examination (RCE)		
						and over origina	I patent	169	900	169	900	Request for expedited examination		
SUBTOTAL (2) (\$) 549							(\$) 549	of a design application Other fee (specify)						
L	**or number previously paid, if greater; For Reissues, see above						issues, see above	*Red	uced b	y Bas	ic Filing	g Fee Paid SUBTOTAL (3) (\$)	Ü	

SUBMITTED BY	Complete (if a	Complete (if applicable)			
Name (Print/Type)	Heidi S. Nepel	Registration No. (Attorney/Agent)	37,719	Telephone	515-288-3667
Signature		YW.		Date	10/30/2001

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Panchal, et al.

ART UNIT:

1635

SERIAL NO:

(Cont. of 09/229,212)

EXAMINER: J. Epps

FILED:

October 30, 2001

TITLE:

HUMAN SUPPRESSOR tRNA OLIGONUCLEOTIDES AND

METHODS OF USE FOR SAME

SUBMISSION OF "SEQUENCE LISTING," FOR BIOTECHNOLOGY INVENTION CONTAINING NUCLEOTIDE AND/OR AMINO ACID SEQUENCE

Box Sequence Assistant Commissioner for Patents Washington, D.C. 20231

Dear Sir:

Please transfer to this application, in accordance with 37 C.F.R. § 1.821(e), the computer readable copy from applicant's other application identified as follows:

In re application of:

Application No.: 09/229,212

Group No.:1635

Filed: January 13, 1999

Examiner: J. Epps

For:

HUMAN SUPPRESSOR tRNA OLIGONUCLEOTIDES AND

METHODS OF USE FOR SAME

- The Computer readable form(s) of applicant's other application corresponds identically to the "Sequence Identifiers" in this current application.
- A paper copy is enclosed herewith.

CERTIFICATE OF MAILING BY EXPRESS MAIL

I hereby certify that this document and the documents referred to as enclosed therein are being deposited with the U.S. Postal Service in an envelope as "Express Mail Post Office to Addressee" addressed to: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231, prior to 5:00 p.m. on the 30th day of October, 2001.

Pátricia E. Wilson

Express Mail Label # EL911005635US

pw

• All papers accompanying this submission, or for which a request for transfer from applicants' other application, introduce no new matter, and the paper copy and computer copy are identical.

No fees or extensions of time are believed to be due in connection with this submission; however, consider this a request for any extension inadvertently omitted, and charge any additional fees to Deposit Account No. 26-0084.

Respectfully submitted,

Heidi S. Nebel, Reg. No. 37,719

ZARLEY, McKEE, THOMTE, VOORHEES

& SEASE

801 Grand Avenue, Suite 3200

Des Moines, Iowa 50309-2721

telephone 515-288-3667

facsimile 515-288-1338

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Attorneys of Record

U.S.Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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STATEMENT UNDER 37 CFR 3.73(b) Human Gene Therapy Research Institute Applicant/Patent Owner: 09/229,212 ___Filed/Issue Date: January 13, 1999 Application No./Patent No.: Entitled: HUMAN SUPPRESSOR tRNA OLIGONUCLEOTIDES AND METHODS OF USE FOR SAME Human Gene Therapy Research Institute a research institution (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.) states that it is: 1. The assignee of the entire right, title, and interest; or 2. an assignee of less than the entire right, title and interest. The extent (by, percentage) of its ownership interest is in the patent application/patent identified above by virtue of either: A. [] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 9849, Frame 0045, or for which a copy thereof is attached. OR B. [] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below: To: The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached. To: The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame____, or for which a copy thereof is attached. _____To:____ The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame____, or for which a copy thereof is attached. [] Additional documents in the chain of title are listed on a supplemental sheet. [] Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.081 The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. October 30, 2001 Heidi S. Nebel, Reg. No. 37,719 Date int**è**d name

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Attorney of Record

Title